

**2016 U.S. DEPARTMENT OF ENERGY  
CONNECTED LIGHTING SYSTEMS WORKSHOP AGENDA**

June 8–9, 2016 • Hyatt Regency Santa Clara • Santa Clara, CA

**WEDNESDAY, JUNE 8**

*7:00 a.m. Registration Opens and Continental Breakfast*

**MORNING SESSIONS**

**8:00 a.m. Welcome**

**8:05 a.m. Communications Fundamentals**

A crash course on network communication basics, for those new to the topic.

MICHAL KOENIG, QUALCOMM

DAVID MCCALL, INTEL

*10:00 a.m. Break*

**10:30 a.m. Cybersecurity Fundamentals**

An overview of data security issues, for those new to the topic.

KEN MODESTE, UL

SPEAKER TBA, CISCO

*Noon Lunch*

**AFTERNOON SESSIONS**

**1:00 p.m. Workshop Introduction**

JAMES BRODRICK, U.S. DEPARTMENT OF ENERGY

**1:15 p.m. Opening Remarks**

TANUJ MOHAN, ENLIGHTED

**2:00 p.m. Leading-Edge Indoor Installations**

What can we learn from innovative indoor installations that are demonstrating improved lighting performance as well as other benefits that impact the business case?

SPEAKERS TBA

*3:00 p.m. Refreshment Break*

**3:30 p.m. Leading-Edge Outdoor Installations**

What can we learn from innovative outdoor installations that demonstrate improved lighting performance as well as other benefits that impact the business case?

SPEAKERS TBA

- 4:30 p.m. **How Can Test Beds Accelerate Connected Lighting System Development?**  
 Examples of how test beds enable small scale demonstrations to assess various connected lighting capabilities and system implementations, highlighting what is possible as well as identifying and accelerating needed improvements.  
 MICHAEL POPLAWSKI, PACIFIC NORTHWEST NATIONAL LABORATORY  
 RAFAEL REYES, PROSPECT SILICON VALLEY

5:30 p.m. *Networking Reception*

## THURSDAY, JUNE 9

7:00 a.m. *Continental Breakfast*

### MORNING SESSIONS

- 8:00 a.m. **How Should Connected Lighting Systems Be Integrated Into the IoT?**  
 A look at the convergence of application and technology, with an eye toward where, when, and how this will happen.  
 DAVID BARTLETT, GE  
 BRIAN CHEMEL, DIGITAL LUMENS

9:30 a.m. *Refreshment Break*

- 10:00 a.m. **How Can Energy Reporting Accelerate Connected Lighting System Deployment?**  
 Hear varied perspectives on why and how the self-reporting of energy data from connected lighting systems can improve the bottom line for multiple industry stakeholders.  
 JEFF HARRIS, ALLIANCE TO SAVE ENERGY  
 SPEAKER TBA

11:30 a.m. *Lunch*

### AFTERNOON SESSIONS

- 12:30 p.m. **Why Does Application Level Interoperability Hold the Key to Broad Connected Lighting System Deployment?**  
 Examine the path toward greater interoperability using examples from other technologies and industries, and learn more about when and how various types of convergence open the door to broader deployment.  
 RUSS SHARER, FULHAM  
 SPEAKER TBA
- 2:00 p.m. **What Technologies Can Reduce Connected Lighting System Configuration Complexity?**  
 Hear explanations of how multiple emerging technologies can reduce configuration complexity and thereby improve the initial and ongoing performance of connected lighting installations.  
 GARY TROTT, CREE  
 SPEAKER TBA

3:30 p.m. *Refreshment Break*

4:00 p.m. **How Does the IoT Need to Be Architected In Order to Deliver On Its Potential?**

How do you effectively connect thousands of nodes in a single site—or hundreds of sites—in a way that allows for multi-tenancy? Hear multiple architecture proposals from varied industry stakeholders.

MICHAL KOENIG, QUALCOMM  
RON VICTOR, IoTIUM

5:30 p.m. *Adjourn*